

## ARG41737 anti-CD73 antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CD73
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD73
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 290-550 of Human CD73 (NP_002517.1).
Conjugation	Un-conjugated
Alternate Names	5'-nucleotidase; CD antigen CD73; eN; CALJA; CD73; EC 3.1.3.5; NT; Ecto-5'-nucleotidase; NT5; E5NT; 5'-NT; eNT; NTE

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse lung	
Observed Size	~ 73 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

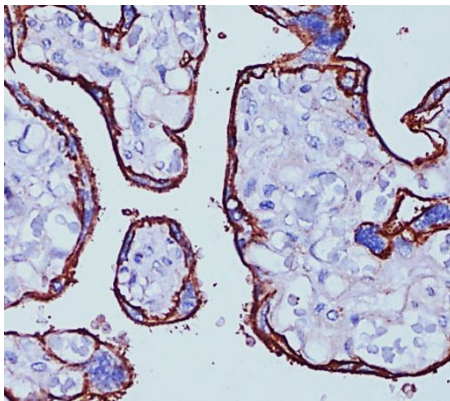
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## Bioinformation

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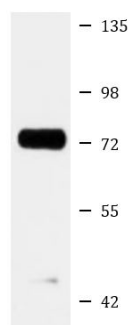
Gene Symbol	NT5E
Gene Full Name	5'-nucleotidase, ecto (CD73)
Background	The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011]
Function	Hydrolyzes extracellular nucleotides into membrane permeable nucleosides. Exhibits AMP-, NAD-, and NMN-nucleosidase activities. [UniProt]
Calculated Mw	63 kDa
Cellular Localization	Cell membrane; Lipid-anchor, GPI-anchor. [UniProt]

## Images



ARG41737 anti-CD73 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human placenta tissue stained with ARG41737 anti-CD73 antibody at 1:200 dilution.



Mouse lung

ARG41737 anti-CD73 antibody WB image

Western blot: 25 µg of Mouse lung lysate stained with ARG41737 anti-CD73 antibody at 1:1000 dilution.